

WST93AUSA

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 and 2(CANCELED).

3(Currently Amended). ~~The A composition according to claim 1, peptide or polypeptide that mimics a carbohydrate ligand of an adhesion molecule in a physiologically acceptable carrier, wherein said ligand is a Lewis antigen.~~

4(Currently Amended). ~~The composition peptide or polypeptide according to claim 3, wherein the Lewis antigen is selected from the group consisting of SA-Le^a, SA-LeX, and LeY.~~

5(Currently Amended). ~~The A composition according to claim 2, peptide or polypeptide of a carbohydrate Lewis antigen ligand of wherein said the adhesion molecule is E-selectin, wherein and said Lewis antigen ligand is SA-Le^a or SA-LeX.~~

6(Currently Amended). ~~The composition peptide or polypeptide according to claim 5, wherein said peptide-mimetic which is selected from the group consisting of:~~
ASAVNLYIPTQE SEQ ID NO:84, VYLAPGRISRDI SEQ ID NO:85,
VYLAPGRFSRDI SEQ ID NO:86, CTSHWGVLSQRR SEQ ID NO:87,
RVLSPESYLGPS SEQ ID NO:88, RVLSPESYLGPA SEQ ID NO:89,
VGNGVLMGRRG SEQ ID NO:90, RVLSPESYLGPA SEQ ID NO:92,
GNCRYIGLRQFG SEQ ID NO:93, DIRVEPGGGYTH SEQ ID NO:94,
APIHTYTGRARG SEQ ID NO:96, and RHTCVRSCGHDR SEQ ID NO:97.

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7(Currently Amended). The ~~composition~~ peptide or polypeptide according to claim 4, wherein said Lewis antigen is LeY and said ~~peptide-mimetics are~~ peptide or polypeptide is selected from the group consisting of TKRPDLIVDPIP SEQ ID NO:98, DEVRPDLISTEE SEQ ID NO:99, NLRPKYIXLDAD SEQ ID NO:100, and TLIAFADLVDVI SEQ ID NO:101.

8(Currently Amended). The ~~composition~~ peptide or polypeptide according to claim 4, wherein said Lewis antigen is SA-Le^a and said ~~peptide-mimetics are~~ peptide or polypeptide is selected from the group consisting of VGIWSVVSEGSR SEQ ID NO:102, RCSVGVPFTMES SEQ ID NO:103, QDGVWEHVLEGG, SEQ ID NO:104, DLWDWVVGKPAG SEQ ID NO:1, VELSGRGGLCTW SEQ ID NO:105, VIGAASHDEDVD SEQ ID NO:106, TIEPVLAEMFMG SEQ ID NO:107, DKETFELGLFDR SEQ ID NO:108, FSGVRGVYESRT SEQ ID NO:109, PDDAPMHSTRVE SEQ ID NO:110, STGLMVDFLEPG SEQ ID NO:91, AKTFGLEHGCEA SEQ ID NO:95, GGTVEVWSIKGG SEQ ID NO:115, DHFSQAGSSNHH SEQ ID NO:116, DDPVTPVIDFGK SEQ ID NO:117, AND RDGLIDFVVAGT SEQ ID NO:118.

9(Currently Amended). The ~~composition~~ peptide or polypeptide according to claim 4 ~~3, wherein said peptide-mimetics are~~ which is modified to enhance stability or enhance adhesion molecule binding.

Claims 10-43. (CANCELED)

44(New). The peptide or polypeptide according to claim 5 which is modified to enhance stability or enhance adhesion molecule binding.